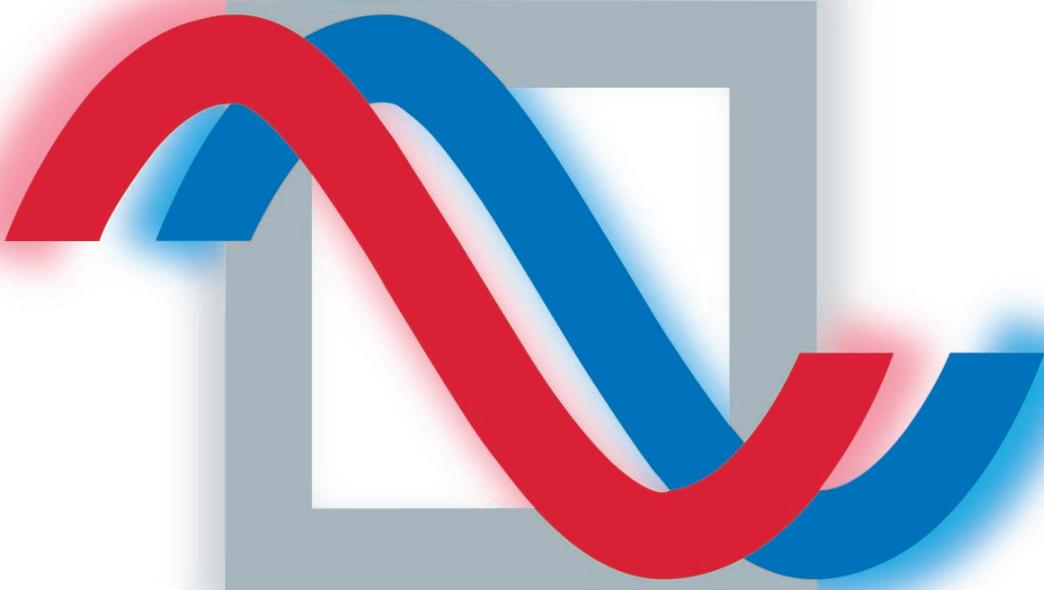




POWER. AT THE RIGHT MOMENT.



ALTERNATORS



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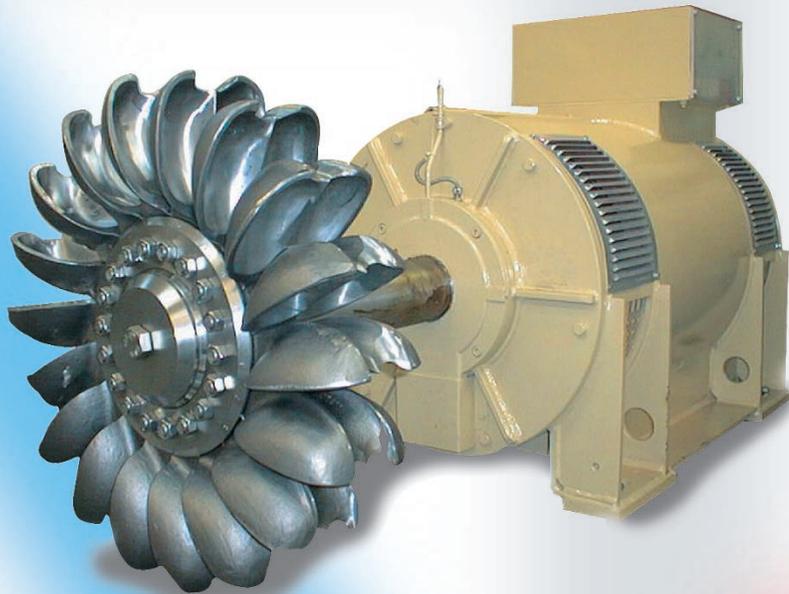
hitzing



POWER. AT THE RIGHT MOMENT.

ADAPTABILITY.

Modern computerized construction- and calculation methods enable Hitzinger's specialists to offer tailor-made alternator solutions as well as flexibility in design and variety.



SAFE OPERATION.

Hitzinger alternators are built for reliable and safe operation that means:

- conservative dimensioning
- robust construction
- resistant to shock and vibrations
- own patent regulation system for high sustained short circuit current
- high resistance against environmental influences because of additional isolation technology
- strong QA-system

COMPACT DESIGN.

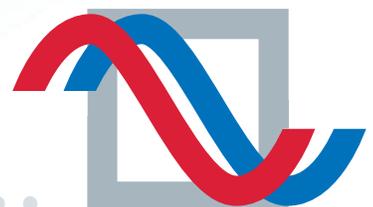
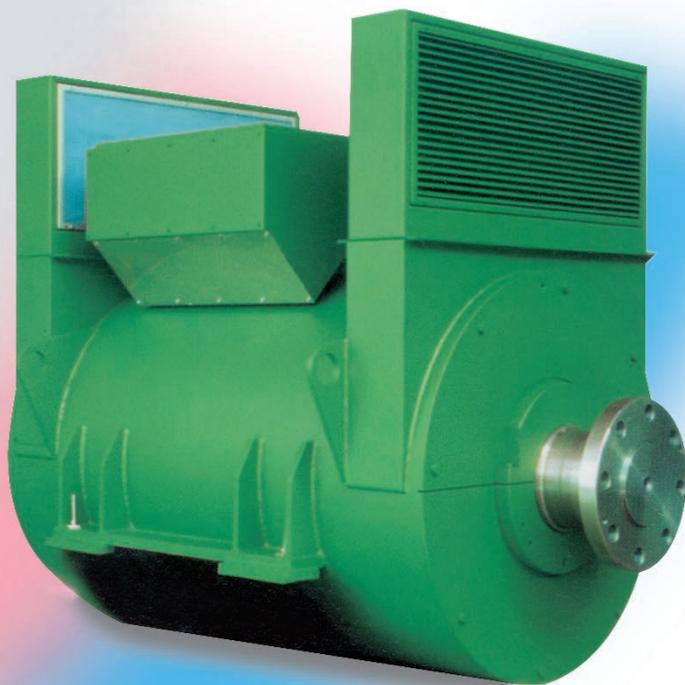
As a result of intensive research and development Hitzinger alternators have decisive characteristics, namely:

- a minimum space requirement
- reduced construction work
- fewer components and
- lower investment costs

LOW EMISSION.

The small environment influence is another essential advantage of our Hitzinger synchron-alternators:

- Radio interference: All relevant norms will be reached until the MIL-standard.
- Low vibration and low noise: Hitzinger guarantees exact balancing and precisely completion.
- Low strayfield synchro-machines: They are built by Hitzinger specialist's for particular cases, including the necessary equipment to measure magnetic fields up to 1/10.000 of the earthfield.



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ECONOMIC.



The economical aspect will be reached by elimination for transmission losses from primary energy into electric power as well

as by a flexible construction put into practice. Hitzinger specialists reach this efficiency by:

- high efficiency
- power factor regulation
- reactive load regulation
- adaption of the efficiency curve to the operation conditions
- wear-free equipment with only one exception - the bearings
- elimination for transmission losses by choosing the number of poles to permit direct coupling to the prime-mover
- economically priced

REFERENCES:



Hitzinger alternators are used in the whole world. Hydro-alternators in low voltage design; synchro-alternators in international

deep-sea navigation, domestic navigation and in high speed railways.

hitzinger

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Ref No PR VG 0210 0510

UPS ALTERNATORS COMBINED HEAT & POWER PLANTS AIRPORT EQUIPMENT DIESEL GENERATORS CONVERTERS

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